

IN THE CLAIMS

1. (Currently Amended) Assembly of a protection cover (1;20;30) and a circuit board (7;29;34) comprising one or more optical conductors (8;36) characterized in that

said optical conductors (8;36) are embedded in said circuit board (7;29;34), said circuit board (7;29;34) comprising an optical cavity (9;26;37) exposing at least a part of said embedded optical conductors (8;36) and said protection cover (1;20;30) is adapted to use said optical cavity (9;26;37) as a reference.

2. (Currently Amended) Assembly according to claim 1, wherein said protection cover (1;20;30) comprises attachment means (5;23;33) for joining said protection cover (1;20;30) and said circuit board (7;29;34) at said optical cavity (9;26;37).

3. (Currently Amended) Assembly according to claim 2, wherein said optical cavity (9) is adapted to accommodate a mounting frame (12) comprising holding features (13) and said attachment means (5) are adapted to engage with said holding features (13).

4. (Currently Amended) Assembly according to claim 3, wherein said mounting frame (12) comprises fastening means (14) for fixating said mounting frame (12) within said optical cavity (9).

5. (Currently Amended) Assembly according to ~~any one of the~~ claims 2 [[-4]], wherein said attachment means (5) comprises a flexible attachment means, such as flexible plastic attachment means.

6. (Currently Amended) Assembly according to claim 2, wherein said protection cover (20) comprises a metallic portion (21) including said attachment means (23).

7. (Currently Amended) Assembly according to ~~any one of the preceding~~ claims 1, wherein said protection cover ~~(1;20;30)~~ comprises an adhering structure and/or adhering substance ~~(33)~~ for sticking said protection cover ~~(1;20;30)~~ to said circuit board ~~(7;29;34)~~.
8. (Currently Amended) Assembly according to ~~any one of the preceding~~ claims 1, wherein said circuit board ~~(7;29;34)~~ comprises at least one connector header arrangement ~~(27)~~ and said protection cover ~~(1;20;30)~~ is adapted to fit within said connector header arrangement ~~(27)~~.
9. (Currently Amended) Assembly according to ~~any one of the preceding~~ claims 1, wherein said protection cover ~~(1;20;30)~~ further comprises a handling grip ~~(2;24;39)~~.
10. (Currently Amended) Assembly according to ~~any one of the preceding~~ claims 1, wherein said optical cavity ~~(9;26;37)~~ is adapted to accommodate a coupling device ~~(44)~~ for coupling an optical connector to said optical conductors ~~(8;36)~~ and wherein said protection cover ~~(1;20;30)~~ is adapted to accommodate said coupling device ~~(44)~~.
11. (Currently Amended) Protection cover ~~(1;20;30)~~ for use in an assembly according to ~~any one of the preceding~~ claims 1.
12. (Currently Amended) Circuit board ~~(7;29;34)~~ for use in an assembly according to ~~any one of the~~ claims 1-10.